

18th International Conference on Green Energy Technology and Management

Time: 17-18 June 2023

Venue: Bao-Shan Campus, National Changhua University of Education

June 17

Conference Agenda

8:20 – 8:30	Pre-Registration	
8:30 – 9:00	Pre-Conference Workshop	
9:00 – 9:30	Registration	
9:30 – 10:20	<p style="text-align: center;">Opening Addresses & Welcome Remarks Keynote Speech</p> <p>Topic: Carbon Footprint Speaker: Dr. I-Chiang Yang, President of GETA General manager of Feiloli Electronic Co., Ltd. Adjunct Assistant Professor, Department of Electrical Engineering, National Changhua University of Education</p> <p>Moderator: Dr. Tsair-Rong Chen, Honorary president of GETA Dr. Hanson Huang, President of Highway Electronic Co., Ltd.</p> <p>Emcee: Professor Jeen-Sheen Row Chairman, Department of Electrical Engineering, National Changhua University of Education</p> <p>Location: Instruction Building No.2 - Lobby</p>	
10:20 – 10:30	Tea Break	
10:30 – 12:00	Parallel Sessions Instruction Building No.2	Technological Presentation Instruction Building No.2
12:00 – 14:00	Lunch	
14:00 – 18:00	Parallel Sessions Instruction Building No.2	

June 18

Company visit

【Oral Session】

SESSION: 1	Place: 34201
CHAIR: Jau-Jr Lin, Chun-Hung Hu	Date: June 17

Financial Comparative Analysis of the Fossil Fuel and Renewable Energy Industries	1
<i>/ Ren-Her Hsieh, Shuling Tsao</i>	
Development of Energy-saving Lighting System Based on IoT	8
<i>/ Kai-Lun Hu, Yu-Hsiang Wang, Chun-Hung Hu, Yu-Lin Juan, Tsair-Rong Chen</i>	
Design of Power System Unbalanced Faults Program(PSUFAULT) Using Method of Symmetrical Components with Borland C++	17
<i>/ Ji-Horng Liaw</i>	
Application of Optical Radar Combined with a Warning System in Slope Monitoring	20
<i>/ Heng-Fu Lee, Solongo Od, Jong-Bi Wei</i>	
Image recognition system applied to semiconductor wafer inspection	26
<i>/ Xian-Tang Chen, Wen-Ren Yang</i>	
The Evaluation of Thermal Performance Enhancement on Flip Chip Package	29
<i>/ Yi-Min Fu, Yi-Nung Chung</i>	

SESSION: 2	Place: 34202
CHAIR: Wen-Ren Yang, Kun-Fang Huang	Date: June 17

Constant Voltage Wireless Power Supply with Receiver Detection	32
<i>/ Tang-Yu Hong, Yung-Lin Hsieh, Fu-Hsiang Ho, Yu-Lin Juan, Tsair-Rong Chen</i>	
Research on the Application of PLC in Mechanical and Electrical Integration of Automation Equipment	37
<i>/ Jian-De He, Solongo Od, Jong-Bi Wei</i>	
A Study on Driving Behavior Recognition Based on Image Processing and Deep Learning	42
<i>/ Po-Han Lee, Solongo Od, Jong-Bi Wei</i>	
Insulators Defect Detection Based on YOLOv3 and YOLOv4	47
<i>/ Ke-Han Chou, Jau-Jr Lin</i>	
Study on Application of Solar PV Energy Storage System to Mobile Power Supply	52
<i>/ Kai-Ching Chang, Yi-Nung Chung</i>	
Study on High Power DC/DC Converter Characterization Inspection	58
<i>/ I-Hsuan Lu, Chien-Chi Chiu, Yi-Nung Chung</i>	